

Title (en)

PREPARATION OF NUCLEIC ACID TEMPLATES FOR SOLID PHASE AMPLIFICATION

Title (de)

HERSTELLUNG VON NUKLEINSÄUREMATRIZEN FÜR DIE FESTPHASENAMPLIFIKATION

Title (fr)

PREPARATION DE MATRICES D'ACIDES NUCLEIQUES POUR LEUR AMPLIFICATION EN PHASE SOLIDE

Publication

EP 1957668 B1 20150408 (EN)

Application

EP 06808675 A 20061124

Priority

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Abstract (en)

[origin: WO2007060456A1] The invention relates to a method of preparing template constructs for solid-phase nucleic acid amplification and to use of the templates in methods of solid-phase nucleic acid amplification. The method involves carrying out two ligation reactions: (a) a ligation reaction in which the first end of one or more target polynucleotide molecules are ligated to surface-bound adaptor polynucleotide molecules, and (b) a ligation reaction in which solution-phase adaptor polynucleotide molecules are ligated to the second end of said target polynucleotide molecules, in order to produce one or more template constructs attached to a solid support.

IPC 8 full level

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CPC (source: EP US)

C12Q 1/6855 (2013.01 - EP US)

C-Set (source: EP US)

C12Q 1/6855 + C12Q 2565/537

Citation (opposition)

Opponent : Dr. André Guder,

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- WO 0018957 A1 20000406 - APPLIED RESEARCH SYSTEMS [NL], et al
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- DICKSON ET AL.: "determination of the Free-energy change for repair of a DNA phosphodiester Bond", THE JOURNAL OF BIOLOGICAL CHEMISTRY, vol. 275, no. 21, 2000, pages 15828 - 15831, XP055258626

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